BRUHAT BANGALORE MAHANAGARA PALIKE

MODIFIED SCHEDULE - B

Name of the work : Improvements to roads, drains and Drilling borewells in ward no. 07 & 08 of Kodigehalli sub division of Byatarayanapura Division

Sl. No.	Approved Qty.	Description	Unit	Rates	
				G.N. Ramesh	
				In Figures	In Words
1	88.81	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete - 10.0 cms thick	sqm	949.44	Rupees Nine Hundred Forty Nine and Forty Four Paise Only
2	3816.55	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications	sqm	3.66	Rupees Three and Sixty Six Paise Only
3	14498.20	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all material, labour HOM of machineries complete as per specifications.	sqm	14.63	Rupees Fourteen and Sixty Three Paise Only
4	537.41	Providing and laying bituminous macadum on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with FE loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. using 100-120 TPH capacity H.M.P with sensor paver grading II (50 to 75mm) with 3.3% VG-30 bitumen.	cum	7089.69	Rupees Seven Thousand Eighty Nine and Sixty Nine Paise Only
5	184.29	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 509 complete in all respects as per specifications. using 100-120 TPH capacity H.M.P with sensor paver grading II (30 to 45mm) with 6% CRMB-55	cum	11629.73	Rupees Eleven Thousand Six Hundred Twenty Nine and Seventy Three Paise Only

Signature of the contractor

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Executive Engineer

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Sl. No.	Approved Qty.	Description	Unit	Rates	
				G.N. Ramesh	
				In Figures	In Words
6	260.59	Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications,	cum	191.35	Rupees One Hundred Ninety One and Thirty Five Paise Only
7	93.84	Providing mild steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications	Qtl	7322.48	Rupees Seven Thousand Three Hundred Twenty Two and Forty Eight Paise Only
8	786.99	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	sqm	346.14	Rupees Three Hundred Forty Six and Fourteen Paise Only
9	149.54	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specificationsWith New stones	cum	6397.42	Rupees Six Thousand Three Hundred Ninety Seven and Forty Two Paise Only
10	11.50	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification	cum	6631.43	Rupees Six Thousand Six Hundred Thirty One and Forty Three Paise Only
11	632.00	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete	No.	443.64	Rupees Four Hundred Forty Three and Sixty Four Paise Only
12	1475.44	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2015-16)	Sqm	624.02	Rupees Six Hundred Twenty Four and Two Paise Only

Signature of the contractor

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Sl. No.	Approved Qty.	Description	Unit	Rates	
				G.N. Ramesh	
				In Figures	In Words
13	1717.04	KSRRB M400-6.1: Construction of Granular Sub Base by providing close graded Crushed stone aggragate granite /trap/basalt materials, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications A. Plant Mix Method Gor Grading II Material Page No. 154 / Item No. 20.4.2 / PWD SR 2015-16	cum	1914.72	Rupees One Thousand Nine Hundred Fourteen and Seventy Two Paise Only
14	64.60	Cement concrete pavement. Construction of un-reinfirced plain cement concrete pavement, thickness as per deisgn, over a prepraed sub base with OPC cement or any other type as per clause 1051..2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates ,with superplastiser @ 3lts confirming to IS9103-1999 REAFFIRMED-2008, Mixed in a concrete mixer of not less than 0.6 cum capacity and approximate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates inlcuding levelling the form work as per drawing) and spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continous operation including, provision of contraction, expansion, construction operation including longitudinal joints, including groove cutting charges joint filler, sparation menebrane, sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specfication.M20 (AT 300 Kg per cum coarse aggregats @ 0.69cum and fine aggregate @0.43cum) (Pg No.174, It No.22.6.1)	Cum	7149.41	Rupees Seven Thousand One Hundred Forty Nine and Forty One Paise Only
15	137.70	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate)	sqm	5876.63	Rupees Five Thousand Eight Hundred Seventy Six and Sixty Three Paise Only
16	90.00	Providing and fixing MS Grating 260x260 mm(Page No.VIII, Sl No.237, code No.0771)	sqm	102.33	Rupees One Hundred Two and Thirty Three Paise Only

Signature of the contractor

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Sl. No.	Approved Qty.	Description	Unit	Rates	
				G.N. Ramesh	
				In Figures	In Words
17	43.54	Providing and fixing MS Grating 260x260 mm(Page No.VIII, Sl No.237, code No.0771)	sqm	7760.02	Rupees Seven Thousand Seven Hundred Sixty and Two Paise Only

Signature of the Contractor

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Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

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Signature of the contractor

Executive Engineer